

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	194	(137/835).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 11:59
S2	1	("3842907").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/11 14:43
S3	37	("3158166" "3181546" "3181596" "3247861" "3405770" "3423026" "3432102" "3563462" "3741481" "3998386" "4006755" "4007625" "4052002" "4157161" "4184636" "4244230" "4463904" "4630689" "4775016" "5135051" "5165438" "5195560" "5228508" "5396808" "5396809" "5505262" "5893383" "6572570" "6606915" "RE38013").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 14:43
S4	0	(137/835).CCLS.	US-PGPUB	OR	OFF	2007/05/11 15:41
S5	3	"808986".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 15:41
S6	40	("3158166"   "3181546"   "3181596"   "3247861"   "3405770"   "3423026"   "3432102"   "3563462"   "3741481"   "3902367"   "3998386"   "4006755"   "4007625"   "4052002"   "4157161"   "4184636"   "4244230"   "4463904"   "4630689"   "4775016"   "4976155"   "5135051"   "5165438"   "5228508"   "5396808"   "5396809"   "5505262"   "5749525"   "5893383"   "6240945"   "6572570"   "6606915"   "RE38013").PN. OR ("6976507").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 16:23
S7	1060	((137/812) or (137/813) or (239/589) or (239/589.1)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 14:56
S8	59	(137/834).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/14 14:56
S9	103	(137/841).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 13:17
S10	914	((166/222) or (175/67)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/15 13:18

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S11	40	("3158166" "3181546" "3181596" "3247861" "3405770" "3423026" "3432102" "3563462" "3741481" "3902367" "3998386" "4006755" "4007625" "4052002" "4157161" "4184636" "4244230" "4463904" "4630689" "4775016" "4976155" "5135051" "5165438" "5228508" "5396808" "5396809" "5505262" "5749525" "5893383" "6240945" "6572570" "6606915" "RE38013").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 10:06
S12	42	(US-20030234303-\$ or US-20010019086-\$ or US-20050087633-\$ or US-20050214147-\$).did. or (US-6176941-\$ or US-4463904-\$ or US-4775016-\$ or US-5165438-\$ or US-3842907-\$ or US-3181546-\$ or US-5505262-\$ or US-6110292-\$ or US-RE33448-\$ or US-4955547-\$ or US-6976507-\$ or US-3379194-\$ or US-6575386-\$ or US-4721251-\$ or US-RE33605-\$ or US-4157161-\$ or US-3158166-\$ or US-3614964-\$ or US-6948244-\$ or US-3568700-\$ or US-3435822-\$ or US-4662568-\$ or US-4185777-\$ or US-7014131-\$ or US-3902367-\$ or US-3613706-\$). did. or (US-5228508-\$ or US-3425430-\$ or US-4227550-\$ or US-5906317-\$ or US-4052002-\$ or US-3610236-\$ or US-3563462-\$ or US-3448752-\$ or US-4905909-\$ or US-4508267-\$ or US-3444879-\$). did. or (US-3158166-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 10:12
S13	3	S12 and (feedback adj chamber)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/16 10:13

## EAST Search History

S14	42	(US-20010019086-\$ or US-20050087633-\$ or US-20030234303-\$ or US-20050214147-\$).did. or (US-4508267-\$ or US-RE33448-\$ or US-3444879-\$ or US-6110292-\$ or US-3425430-\$ or US-3563462-\$ or US-6176941-\$ or US-3158166-\$ or US-7014131-\$ or US-4955547-\$ or US-6948244-\$ or US-4227550-\$ or US-3568700-\$ or US-3379194-\$ or US-4157161-\$ or US-4052002-\$ or US-5505262-\$ or US-3842907-\$ or US-4905909-\$ or US-3614964-\$ or US-3448752-\$ or US-6976507-\$ or US-3613706-\$ or US-3610236-\$ or US-3435822-\$ or US-RE33605-\$). did. or (US-5165438-\$ or US-5228508-\$ or US-6575386-\$ or US-3902367-\$ or US-4775016-\$ or US-4721251-\$ or US-5906317-\$ or US-4185777-\$ or US-4662568-\$ or US-3181546-\$ or US-4463904-\$). did. or (US-3158166-\$).did.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 09:32
S15	3	S14 and mandrel	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/23 09:33